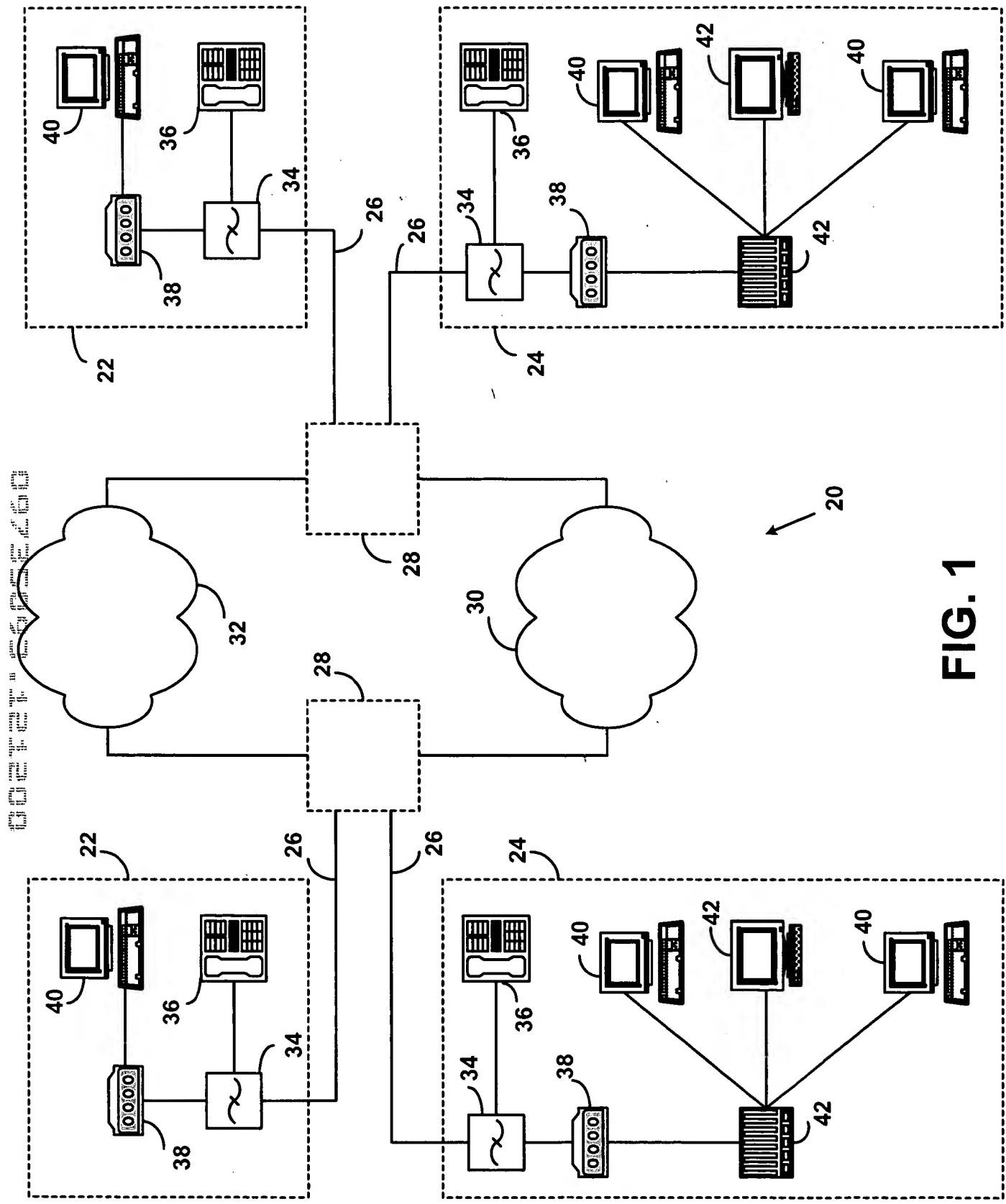
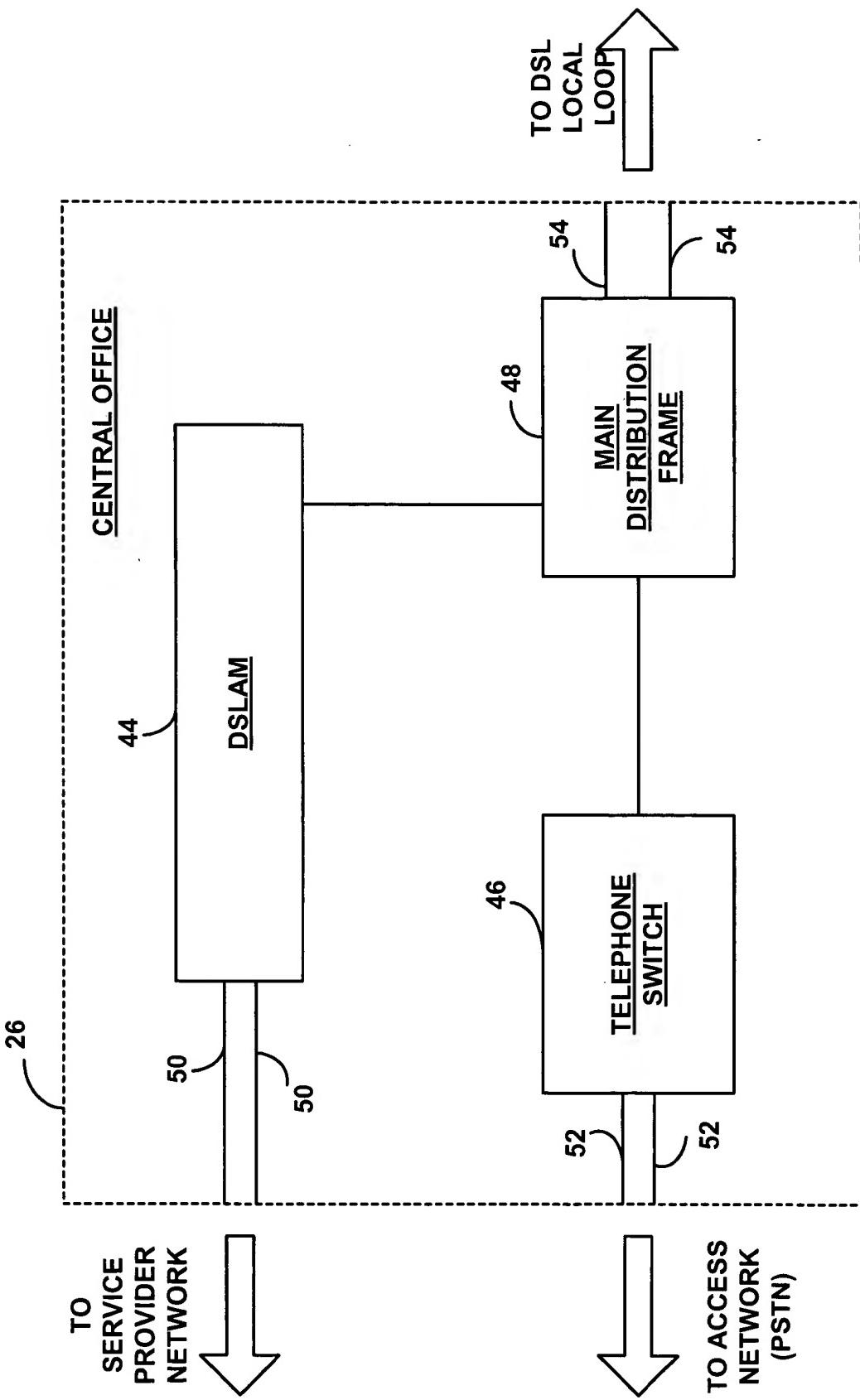
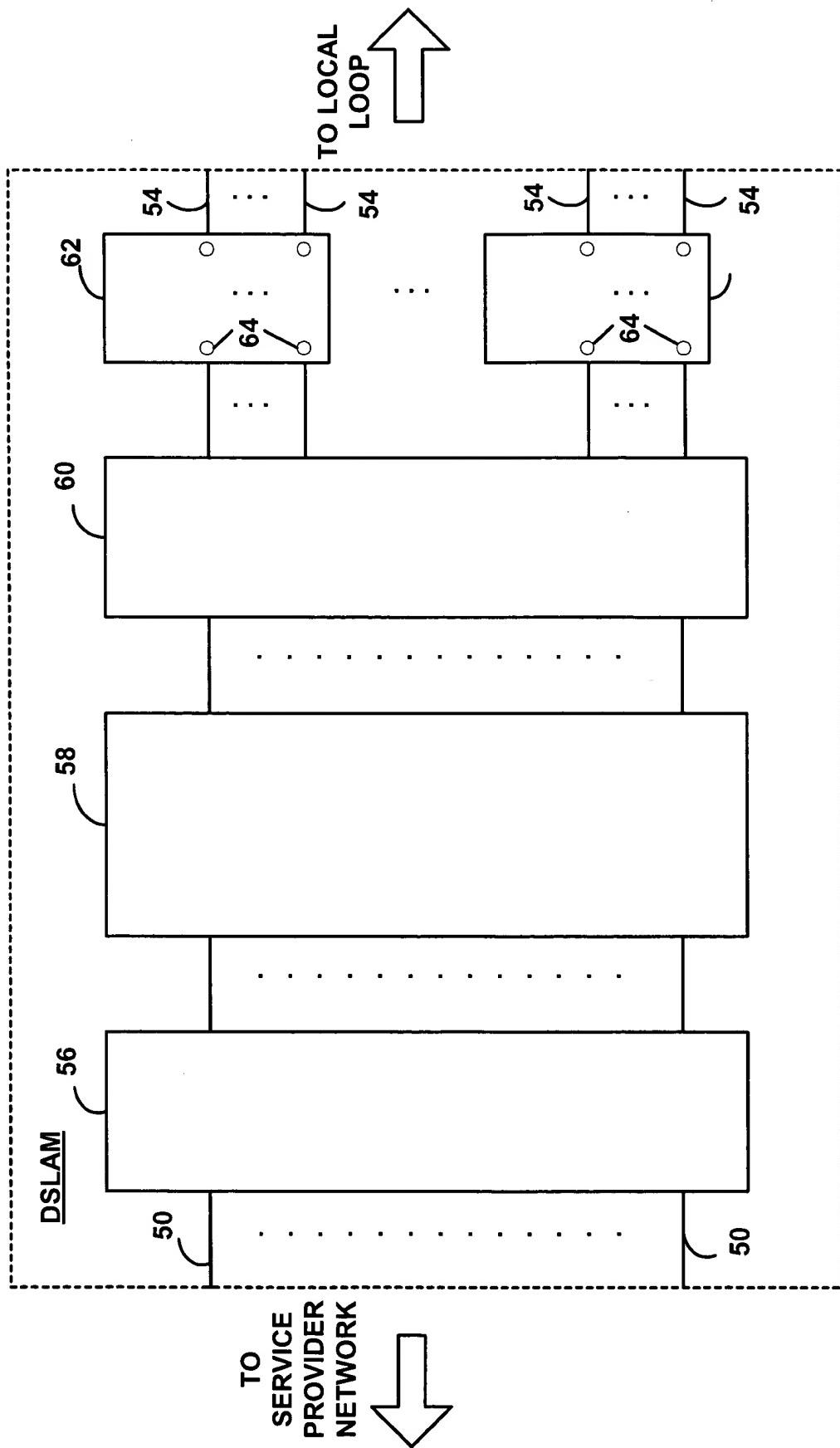


**FIG. 1**



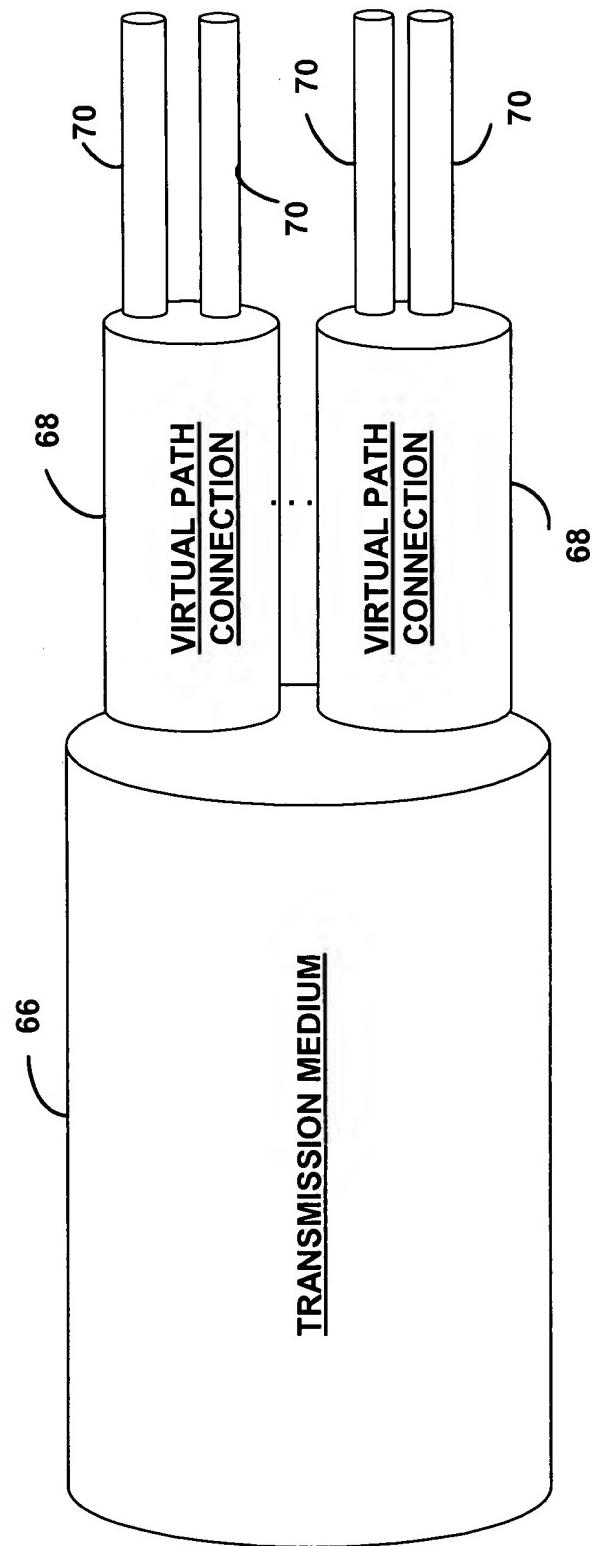
**FIG. 2**

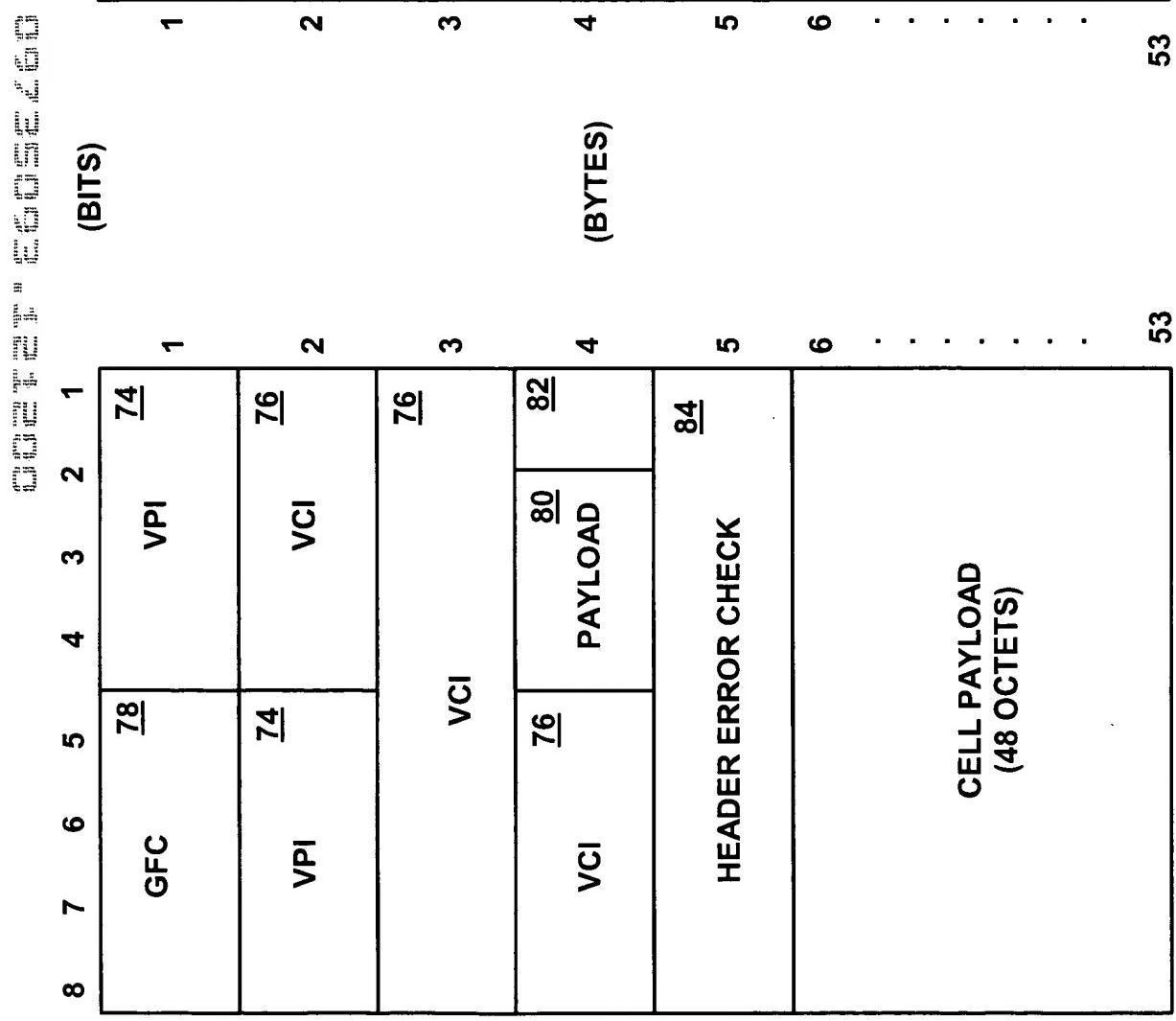




3  
FIG.

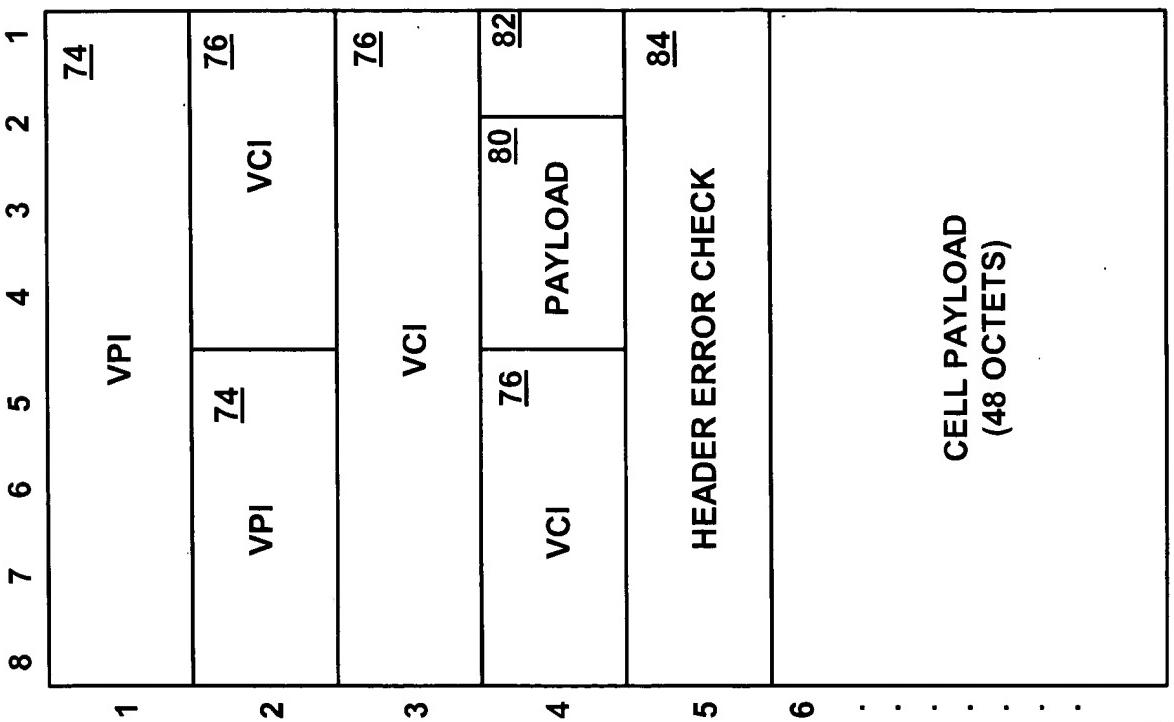
**FIG. 4**



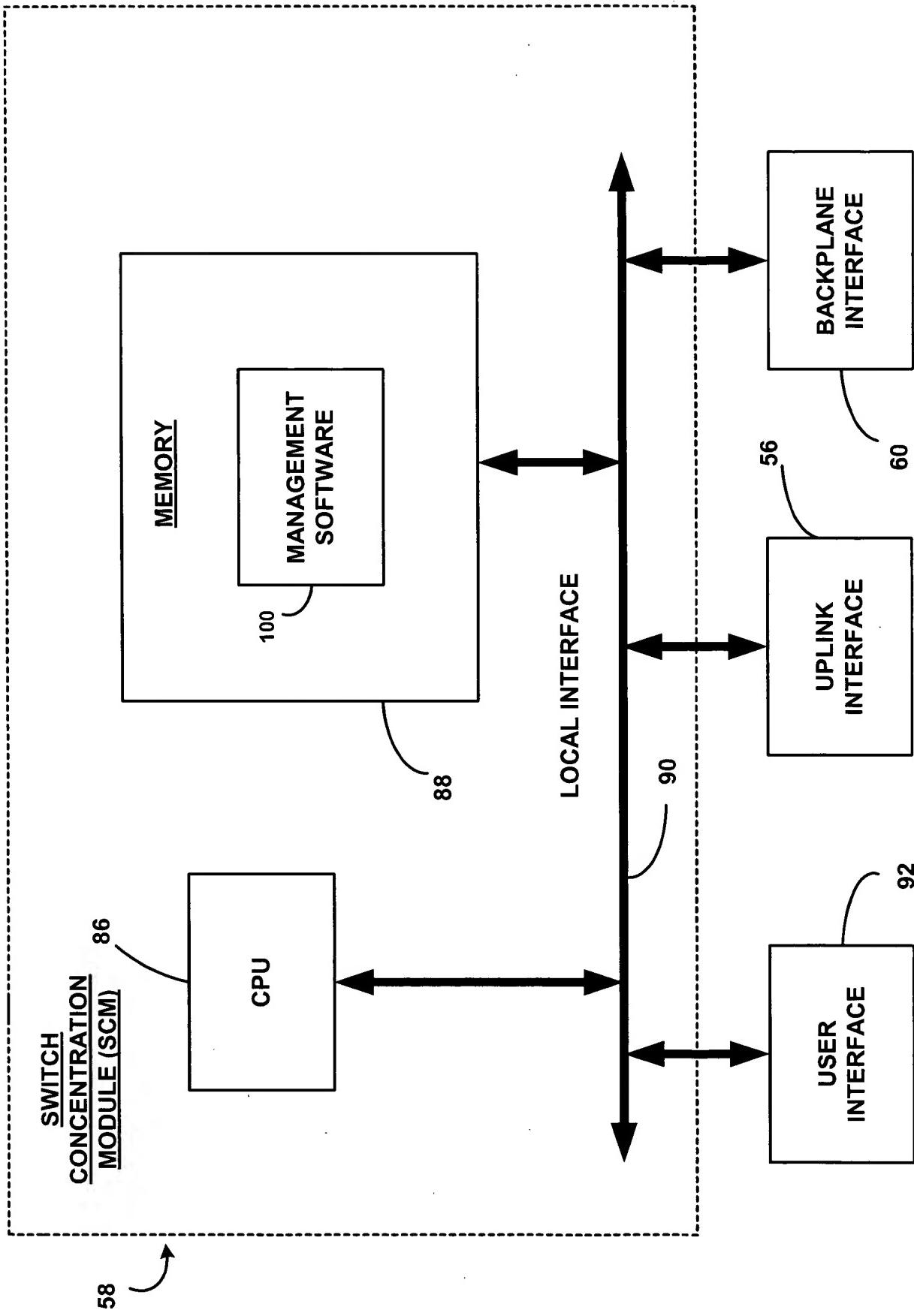


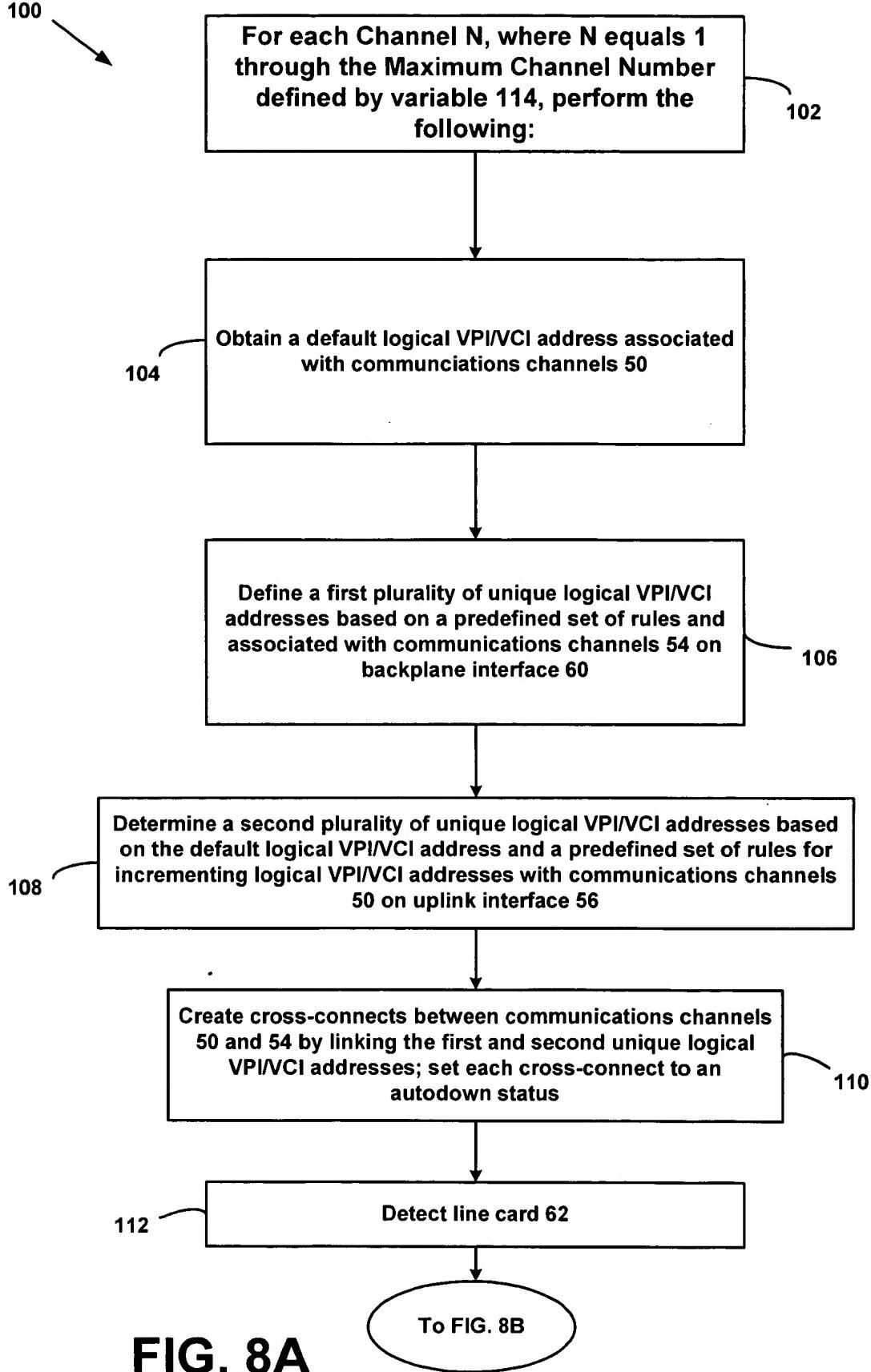
5  
FIG.

# FIG. 6



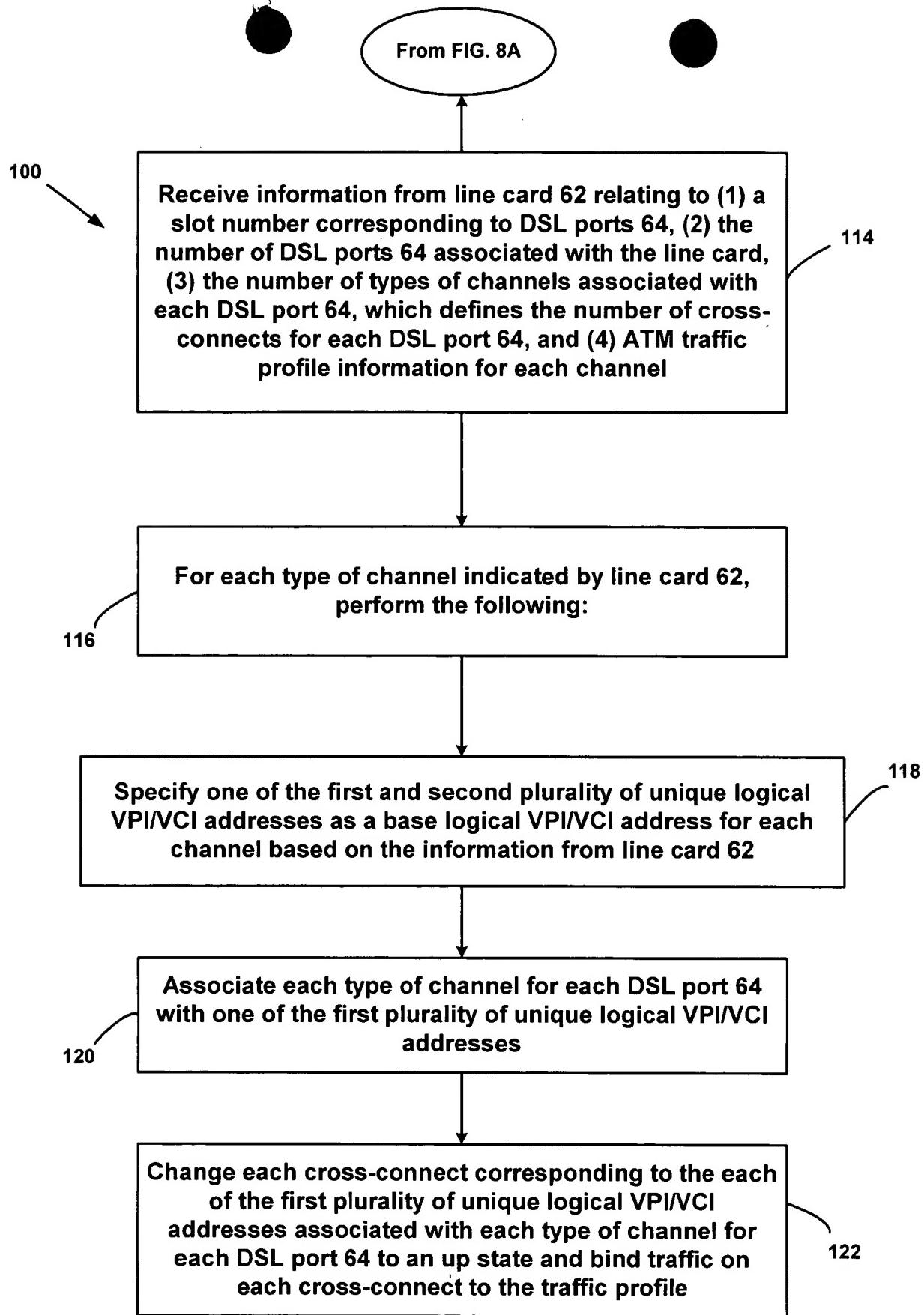
**FIG. 7**





**FIG. 8A**

To FIG. 8B

**FIG. 8B**

<u>144</u>	LINE CARD VARIABLE	VALUE
<u>146</u>	SLOT #	
<u>148</u>	NUMBER OF PORTS	
<u>150</u>	REQUESTED NUMBER OF CHANNELS PER PORT	
<u>152</u>	REQUESTED TRAFFIC PROFILE INDICATOR PER CHANNEL	

**FIG. 9**

<u>154</u>	DSL PORT VARIABLE	VALUE
<u>154</u>	DSL PORT #	
<u>156</u>	MAX VPI	
<u>158</u>	MAX VCI	
<u>160</u>	STATUS	
<u>162</u>	CONFIGURATION PARAMETERS  (# channels, ATM parameters, upstream and downstream rate table, etc.)	

**FIG. 10**

<u>166</u>	<b>BACKPLANE INTERFACE</b>	<b>VALUE</b>
	<b>VARIABLE</b>	
<u>168</u>	<b>INTERFACE ID</b>	
<u>170</u>	<b>MAX VPI</b>	
<u>172</u>	<b>MAX VCI</b>	
<u>174</u>	<b>STATUS</b>	
<u>176</u>	<b>OTHER PARAMETERS</b>	

**FIG. 11**

<u>178</u>	<b>UPLINK INTERFACE</b>	<b>VALUE</b>
	<b>VARIABLE</b>	
<u>180</u>	<b>INTERFACE ID</b>	
<u>182</u>	<b>MAX VPI</b>	
<u>184</u>	<b>MAX VCI</b>	
<u>186</u>	<b>STATUS</b>	
<u>188</u>	<b>OTHER PARAMETERS</b>	

**FIG. 12**

<u>190</u>	CROSS-CONNECT VARIABLE	VALUE
<u>192</u>	CROSS CONNECT ID	
<u>194</u>	IFINDEX1	
<u>196</u>	VPI1	
<u>200</u>	VCI1	
<u>202</u>	IFINDEX2	
<u>204</u>	VPI2	
<u>206</u>	VCI2	

**FIG. 13**

## CROSS-CONNECTION TABLE

**FIG. 14A**

CROSS-CONNECTION TABLE			
<u>210</u>	<u>UPLINK INTERFACE:VPI:VCI</u>	<u>216</u>	<u>STATUS</u>
<u>212</u>	<u>214 BACKPLANE INTERFACE:VPI:VCI</u>		
	<b>[UPLINK INTERFACE = Ifup = 1]</b> <b>[VPI0 ≤ VPI ≤ VPIm]</b> <b>[VCIO ≤ VC1 ≤ VCIm]</b> <b>[p = number of ports per card]</b> <b>[c = number of cards in system]</b>		
			<b>[IF1 ≤ BACKPLANE INTERFACE ≤ IFc]</b>
			<b>[VPI0 = fixed starting VPI]</b>
			<b>[VCIO fixed starting VC1]</b>
			<b>[p = number of ports per card]</b>
			<b>[c = number of cards in system]</b>
			<b>IFc:VPI0+p-2:VCIO</b>
			<b>IFc:VPI0+p-1:VCIO</b>
			<b>IF1:VPI0:VC11</b>
			<b>IF1:VPI0+1:VC11</b>
			<b>IF1:VPI0+p-2:VC11</b>
			<b>IF1:VPI0+p-1:VC11</b>
			<b>IF2:VPI0/ VC11</b>
			<b>IF2:VPI0+1:VC11</b>
			<b>IF2:VPI0/ VC11</b>
			<b>IF2:VPI0+1:VC11</b>

**FIG. 14B**

210

## CROSS-CONNECTION TABLE

<u>212</u>	<u>UPLINK INTERFACE:VPI:VCI</u>	<u>216</u>	<u>STATUS</u>	<u>214</u>	<u>BACKPLANE INTERFACE:VPI:VCI</u>
	[UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VC10 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system]			[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VP10 = fixed starting VPI] [VC10 fixed starting VCI] [p = number of ports per card] [c = number of cards in system]	
	Ifup:VP11:VC11+p*(c-1)-2 Ifup:VP11:VC11+p*(c-1)-1			IFc:VP10+p-2:VCI1 IFc:VP10+p-1:VCI1	
	.			.	
	Ifup:VPIm:VCIm Ifup:VPIm:VCIm+1			IF1:VP10:VCIc-1 IF1:VP10+1:VCIc-1	
	.			.	
	Ifup:VPIm:VCIm+p-2 Ifup:VPIm:VCIm+p-1 Ifup:VPIm:VCIm+p Ifup:VPIm:VCIm+p+1			IF1:VP10+p-2:VCIc-1 IF1:VP10+p-1:VCIc-1 IF2:VP11/ VCIc-1 IF2:VP12:VCIc-1	
	.			.	
	Ifup:VPIm:VCIm+p*(c-2) Ifup:VPIm:VCIm+p*(c-2)+1			IF2:VP10/ VC10 IF2:VP10+1:VC10	

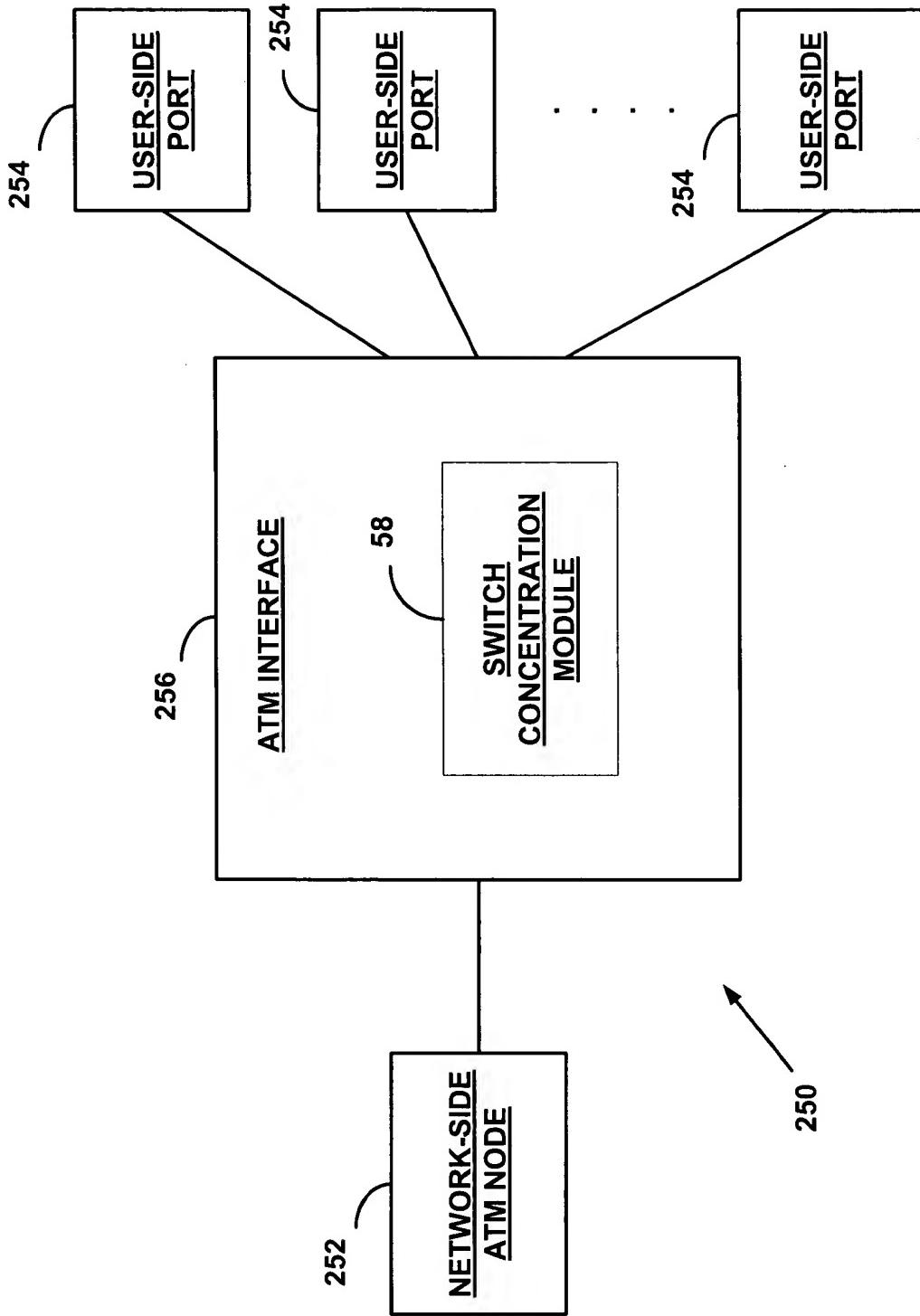
FIG. 14C

<u>220</u>	VCL VARIABLE	VALUE
<u>222</u>	IFINDEX	
<u>224</u>	VPI	
<u>226</u>	VCI	
<u>228</u>	TRAFFIC PROFILE UP	
<u>230</u>	TRAFFIC PROFILE DOWN	

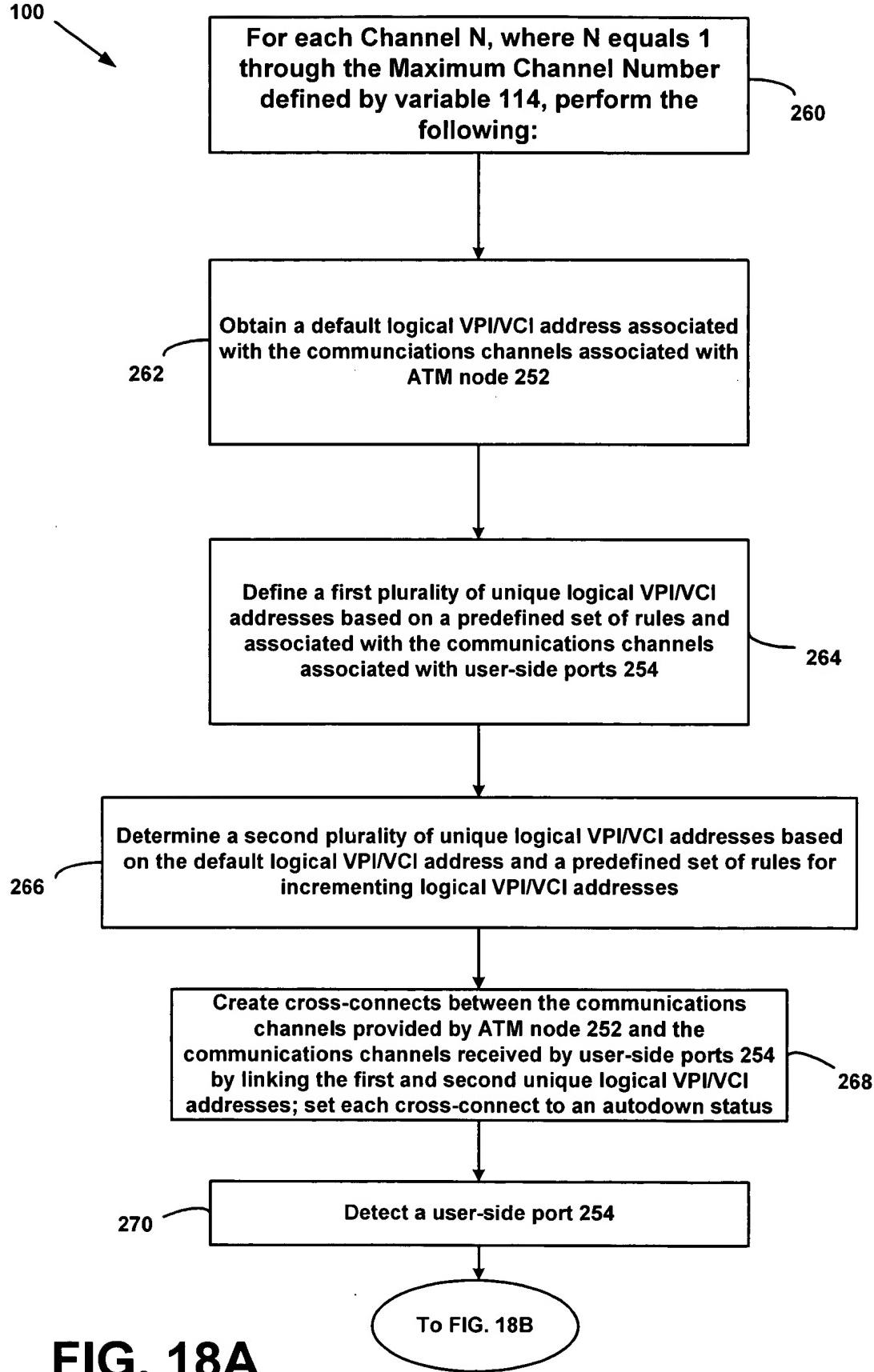
**FIG. 15**

<u>232</u>		AUTO-CONFIGURATION RECORD
	AUTO-CONFIGURATION VARIABLE	VALUE
<u>234</u>	INTERFACE ID	
<u>236</u>	CHANNEL	
<u>238</u>	BASE VPI	
<u>240</u>	BASE VCI	

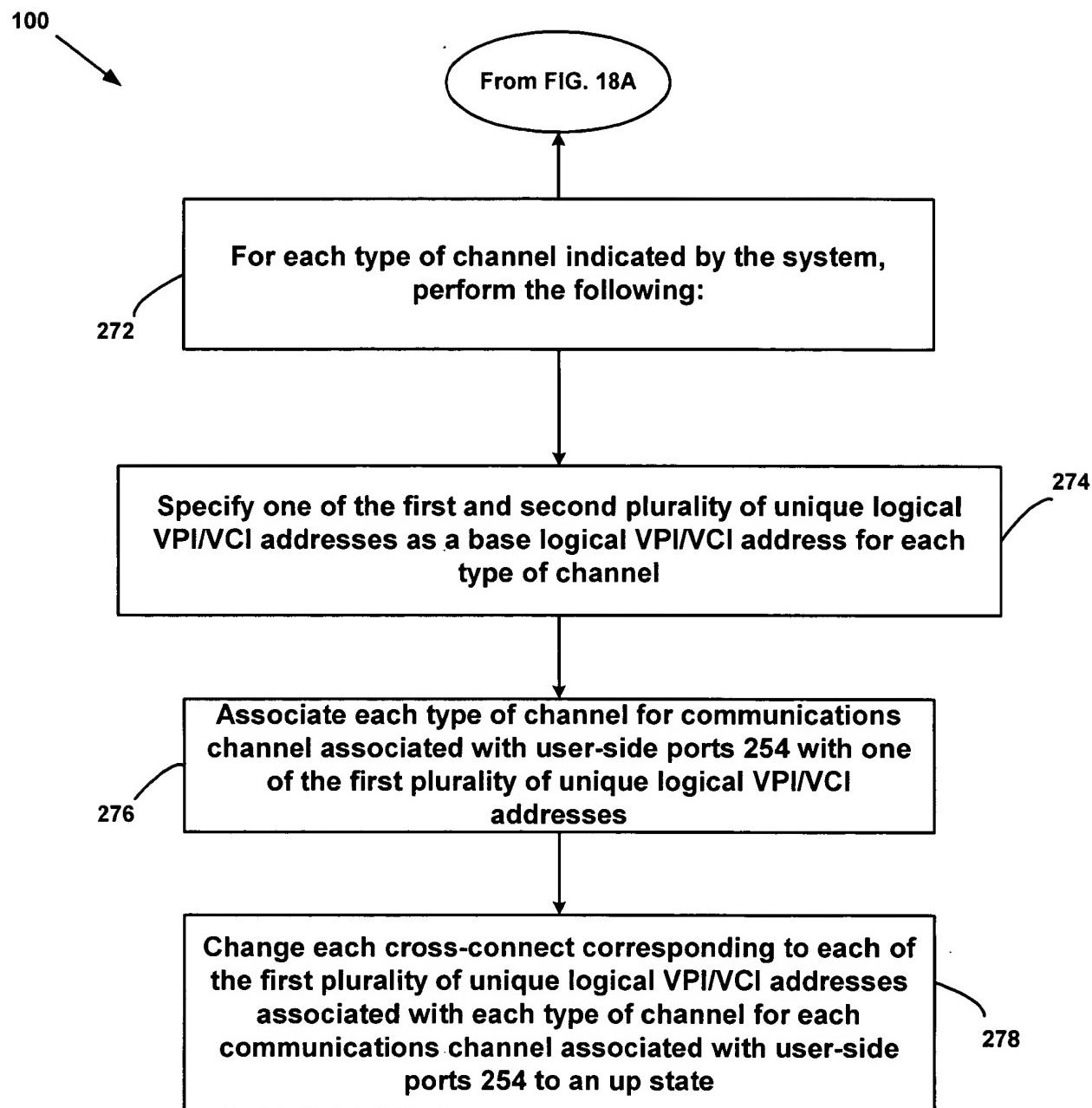
**FIG. 16**



**FIG. 17**



**FIG. 18A**



**FIG. 18B**